AUTHOR INDEX, VOLUME 155

Abella, Scott R	Hubert, George F., Jr
Albin, Howard T	
Arsuffi, Thomas L	Jones, Brena K
Audsley, Blake W	Jones, Zach F
Ballard, Warren B	Kamler, Jan F
Barclay, Robert M. R	Kaufman, Donald W
Barichivich, William J 149	Kaufman, Glennis A 278
Barron, James N	Klett, Steven B
Baskaran, Latha M	Koenig, Walter D
Bemis, William E	Kovalak, William P
Bergey, Elizabeth A	Kunz, Alyssa K
Birkhead, William	
Bock, Carl. E	Laha, Malabika 63
Bock, Jane H	Lavers, Amanda J
Bonner, Timothy H	Laves, Kevin S
Bowles, David E	Leopold, Bruce D
Bowyer, Matthew W 428	Locklin, Jason L
Boyles, Justin G	Loeb, Susan C
Brewer, Lawrence G 1	Longton, Gary D
Briggler, Jeffrey T	Lopez, Roel R
Britzke, Eric R	
Burr, Brooks M	Magoulick, D. D
	Manning, Glenn J
Carraway, Leslie N	Mattingly, Hayden T 63
Chamberlain, Michael J	McCleery, Robert A
Constible, Juanita M	McGuire, Betty
Crook, Amanda C 417	McGuire, Betty
	Mech, L. David
Dale, Virginia H	Metcalfe-Smith, Janice L
Darling, Scott R	Moeller, David A
Dodd, C. Kenneth, Jr	model, build it in in it is in
Dukeshire, Erin E	Nelson, Michael E
Durbian, Francis E	
	Ozier, Trevor B
Efroynison, Rebecca A	
Ellis, Jack A	Petersen, Stephen D 188
	Pizzuto, Theresa
Fontaine, Joseph B	Prather, John W
Ford, Melissa	Pung, Oscar J
Frank, Philip A	
Frederick, Katy H	Rabalais, M. R
	Rabeni, Charles F
Gering, Jon C	Reed, Aaron W
Gehrt, Stanley D	Resh, Vincent H
Getz, Lowell L	Robbins, Lynn W
Getz, Lowell L	Roberts, Matt E
Gorman, Owen T	Rodgers Sarah L
Gray, Shannon	Ronan, Noelle A
Groninger, John W	Rosenberg, Daniel K
Gunzburger, Margaret S	Rosier, Jeff R
Gutow, Stefan H	Ruffner, Charles M
	Rusz, Patrick J
Hansen, Kirk A 63	мые, гания ј
Havera, Stephen	Santucci, Victor I., Jr
Herman, Tom B	Schloesser, Don W
Hicks, Alan C	Schuetz, Justin G
Hine, Christopher S	Silvy, Nova J
Hoffman, Joyce E	Simms, Laura
Horath, Michelle M. 428	Smith, Hobart M. 395

Smith, Kevin G	von Oettingen, Susanna L
Smith, Lora L	
Smith, Timothy M	Walker, James M 411
Smithee, Rick D	Wheelwright, Nathaniel T 19
Stafford, Joshua D 428	Whiles, Matt R
Staiger, Jennifer S	Whiteman, Howard H 417
Stewart, Donald T	Williams, Casey S
Stone, Dennis M	Wilson, Joanna M 244
Swanson, Bradley J	
	Yetter, Aaron P
Vankat, John L i	
Vokoun, Jason C	Zink, Andrew G

SUBJECT INDEX, VOLUME 155

Ambystoma tigrinum nebulosum	Genetics detection and classification of cougars using
Animal Behavior	
	DNA
behavior of grass shrimp to presence of	inbreeding of plants
predators	Glaucomys volans
caterpillars by bats	Gilacypha 123
ear flashing behavior of black-tailed	Herpetology
jackrabbits	detection probabilities and site occupancy for
nesting biology of the rare Barrens darter 63	amphibians
reproductive ecology of Hyla cinerea 321	effects of mowing and burning on
roadrunner predation on lizard abundance 395	massasauga
	evaluation of anesthetics for tiger
Animal Ecology	salamanders
ecology of a rural population of Norway	gopher tortoise regional habitat
rats	parthenogenic and gonochornistic lizards 411
life history of Sialids in a lentic and lotic	reproductive ecology of Hyla cinerea 321
ecosystem	
	tortoise habitat modeling within a regional context
Aquatic Ecology	use of caves by Plethodontid salamanders 136
population status and nesting biology of the	use of caves by Flethodollidu salamanders 130
rare Barrens darter 63	Hyla cinerea
response of algae in small stream beds	Tryat cinetea
to floods	Ichthyology
	habitat, life history of the Sabine shiner
Arizona, humpback chub	
Arkansas, Karst area salamanders 136	(Notropis sabinae)
Aspidoscelis tesselata	multi-year reproduction in Etheostoma blennioides 103
Aspidoscelis sexlineata	ontogenesis of endangered humpback chub
• • • • • • • • • • • • • • • • • • • •	(Gila cypha)
BioStatistics	rare barrens darter (Etheostoma forbesi) 63
probabilities and site occupancy estimates for	reproductive ecology of the blacknose
amphibians	shiner
ampinotatis	summer diel activity and movement paths of
California, grassland	flathead catfish
Canis lupus	
	Illinois, blacknose shiner 70
Conservation Biology	Chautauqua National Wildlife Refuge
tortoise habitat modeling within a regional	(errata)
context	Ozark Hills forest
Context :::::::::::::::::::::::::::::::::::	
Cyrtepistomus castaneus	Invasive species
Cyriepisiomus custaneus	Asiatic oak weevil
Endangared and Threatened Species	influence of invasive crayfish on native
Endangered and Threatened Species	species
endangered Key Largo woodrat 197	
ontogenesis of endangered humpback chub	Invertebrate Zoology
(Gila cypha)	grass shrimp and predatory fish 286
population status and nesting biology of the rare	invasion of dreissenid mussels 307
Barrens darter	life history of Sialids in a lentic and lotic
Etheostoma forbesi	ecosystem
Etheostoma blennioides	
Florida, green treefrog	Landscape Ecology
Fundulus heteroclitus	landscape patterns and space use by
	mammals
Entomology	Lepus californicus
Asiatic oak weevil	
life history of Sialids in a lentic and lotic	Mammalogy
ecosystem	a disjunct population of southern flying
spatial synchrony of monarch butterflies 39	squirrels 188

consumption of caterpillars by bats of western	Plant Ecology
spruce budworm 244	community structural changes in managed
detection of cougars using low copy DNA	forest
sources	depression in insect-pollinated plants on a
ear-flashing behavior of black-tailed	Boreal Island
jackrabbits	effects of smoke and fire on Penstemon baratus
ecology of a rural population of	seeds
Norway rats	
monthly and semi-monthly trapping of small	Plant Population Ecology
mammals	richness and diversity of oak savanna 1
striped skunks	Population Ecology
population status of the endangered Key Largo	importance of roadrunner on lizard
woodrat 197	populations
southern flying squirrel population	population trends of Virginia opossums and
structure	striped skunks
spring roost trees used by female	population status and nesting biology of the
Indiana bats	rare Barrens darter
summer and winter roost trees used by evening	population status of the endangered Key Largo
bats 210	woodrat
wolf predation on deer population 373	range of a disjunct population of southern flying
	squirrels
Michigan, cougar classification	squires
Mississippi, landscape pattern	Pylodictis olivaris
Missouri, evening bats	Rattus norvegicus
flathead catfish	Sistrurus castenatus
	Texas, life history of Sialids 50
Myotis sodalist	resas, me instory of stands
New Mexico, hybridization 411	Vegetation Ecology
New York, female Indiana bats	community composition and structural change
Notropis heterolepis	in forests
Notropis sabinae	effects of plant litter on seed predation in
Nycticeius humeralis	prairies
Odocoileus virginianus	richness and diversity of oak savanna 1
Ouoconeus virginianus	Vermont, female Indiana bats 181
Ornithology	
post-breeding dispersal of burrowing	Book Review
owls	butterflies: ecology and evolution taking
reproduction of Etheostoma blenniodes 103	flight
Ohio, reproduction of Etheostoma	Scientific Writing
blennioides	
	Errata:
Palaenonetes pugio	moist soil plant seed production for
Penstemon barbatus	waterfowl

THE AMERICAN MIDLAND NATURALIST

Founded by J. A. Nieuwland, C.S.C.

Editor

William E. Evans

Stephen P. Vives, Statesboro, Georgia	Ichthyology
Harald E. Esch, Notre Dame, Indiana	Animal Behavior
Derek Zelmer, Emporia, Kansas	Parasitology
Carl von Ende, Dekalb, Illinois	Biological Statistics
John Peles, McKeesport, Pennsylvania	Mammalogy
Leslie Carraway, Corvallis, Oregon	Mammalogy
Rebecca Dolan, Indianapolis, Indiana	Plant Systematics
Scott C. Barras, Mississippi State, Mississippi	Ornithology
Michael Chamberlain, Baton Rouge, Louisiana	Ornithology
Ian Thompson, Ontario, Canada	Animal Ecology
Roger del Moral, Seattle, Washington	Plant Population Ecology
Sunny Boyd, Notre Dame, Indiana	Herpetology
Robert Aldridge, St. Louis, Missouri	
Michael C. Miller, Cincinnati, Obio	Aquatic Ecology
Fran Gelwick, College Station, Texas	
Caryn Vaughn, Norman, Oklahoma	Invertebrate Zoology
David J. Berg, Hamilton, Ohio	Invertebrate Zoology
Robert S. Boyd, Auburn, Alabama	Entomology
Cynthia Galloway, Kingsville, Texas	Plant Physiology
Paul Zedler, Madison, Wisconsin	Vegetation Ecology
James Fralish, Carbondale, Illinois	Vegetation Ecology
Wyndylyn yon Zhayen, Houston, Texas.	Conservation

Vol. 155, 2006

Dates of Publication

No. 1 January 23 2006

No. 2 April 17 2006

PUBLISHED BY THE UNIVERSITY OF NOTRE DAME

NOTRE DAME, INDIANA

CONTENTS

No. 1, January 2006

Richness and Diversity of Oak Savanna in Northwestern Ohio: Proximity to Possible Sources of Propagules	1
A Field Study of Host Tree Associations of an Exotic Species, the Asiatic Oak Weevil [Cyrtepistomus castaneus (Roelofs 1873), Coleoptera: Curculionidae] Katy H. Frederick and Jon C. Gering	11
Pollinator Limitation, Autogamy and Minimal Inbreeding Depression in Insect-pollinated Plants on a Boreal Island	
Sarah L. Rodgers and Andrew G. Zink	19
Spatial Synchrony of Monarch Butterflies	39
Life History of Sialis (Megaloptera: Sialidae) in a Lentic and Lotic Ecosystem in Central Texas Jason L. Locklin, Thomas L. Arsuffi and David E. Bowles	50
Population Status and Nesting Biology of the Rare Barrens Darter, Etheostoma forbesi	63
Reproductive Ecology and Food Habits of the Blacknose Shiner, Notropis heterolepis, in Northern Illinois Matt E. Roberts, Brooks M. Burr, Matt R. Whiles and Victor J. Santucci, Jr.	70
Habitat Associations, Life History and Diet of the Sabine Shiner Notropis sabinae in an East Texas Drainage	84
Multi-year Reproduction in Etheostoma blennioides in South-central Ohio	103
Summer Diel Activity and Movement Paths of Flathead Catfish (Pylodictis olivaris) in Two Missouri Streams	113
Ontogenesis of Engangered Humpback Chub (Gila cypha) in the Little Colorado River, Arizona	
Dennis M. Stone and Owen T. Gorman	123
Seasonal Use and Selection of Caves by Plethodontid Salamanders in a Karst Area of Arkansas Jeffrey T. Briggler and John W. Prather	136
Detection Probabilities and Site Occupancy Estimates for Amphibians at Okefenokee National Wildlife Refuge	
Kevin G. Smith and C. Kenneth Dodd, Jr.	149
Post-Breeding Dispersal of Burrowing Owls in an Extensive California Grassland	162
Extrinsic Effects on Long-term Population Trends of Virginia Opossums and Striped Skunks at a Large Spatial Scale Stanley D. Gehrt, George F. Hubert, Jr. and Jack A. Ellis	
Description of Spring Roost Trees Used by Female Indiana Bats (Myotis sodalis) in the Lake Champlain Valley of Vermont and New York	
Susanna L. von Oettingen and Scott R. Darling	181
Delineating the Range of a Disjunct Population of Southern Flying Squirrels (Glaucomys volans)	
Population Status and Habitat Selection of the Endangered Key Largo Woodrat	197
Characteristics of Summer and Winter Roost Trees Used by Evening Bats (Nycticeius humeralis) in South-western Missouri	1
General Ecology of a Rural Population of Norway Rats (Rattus norvegicus) Based on Intensive Live Trapping	
Notes and Discussion	
Differential Estimates of Southern Flying Squirrel (Glaucomys volans) Population Structure	
Based on Capture Method Kevin S. Laves and Susan C. Loeb	
Consumption of Caterpillars by Bats During an Outbreak of Western Spruce Budworm Joanna M. Wilson and Robert M. R. Barclay	244
Book Review	
Butterflies: Ecology and Evolution Taking Flight	250

CONTENTS

No. 2, April 2006

Community Composition and Structural Changes in a Managed Illinois Ozark Hills Forest Trevor B. Ozier, John W. Groninger and Charles M. Ruffner 253
Differential Response of Algae on Small Streambed Substrates to Floods
Effect of Plant Litter on Seed Predation in Three Prairie Types
Behavior of the Grass Shrimp Palaemonetes pugio and its Response to the Presence of the Predatory Fish Fundulus heteroclitus
Influence of an Invasive Crayfish Species on Diurnal Habitat Use and Selection by a Native Crayfish Species in an Ozark Stream
Extirpation of Freshwater Mussels (Bivalvia: Unionidae) Following the Invasion of Dreissenid Mussels in an Interconnecting River of the Laurentian Great Lakes Don W. Schloesser, Janice L. Metcalfe-Smith, William P. Kovalak, Gary D. Longton and Rick D. Smithee 307
Reproductive Ecology of the Green Treefrog (Hyla cinerea) in Northwestern Florida
Effects of Mowing and Summer Burning on the Massasauga (Sistrurus catenatus)
Francis E. Durbian 329
Habitat Modeling Within a Regional Context: An Example Using Gopher Tortoise
Relationships Between Landscape Pattern and Space Use of Three Mammalian Carnivores in Central Mississippi Juanita M. Constible, Michael J. Chamberlain and Bruce D. Leopold 352
Detection and Classification of Cougars in Michigan Using Low Copy DNA Sources
A 3-decade Dearth of Deer (Odocoileus virginianus) in a Wolf (Canis lupus)-dominated Ecosystem
Improve Scientific Writing and Avoid Perishing Leslie N. Carraway 383
Notes and Discussion
Lizard Abundance in an Exurban Southwestern Savanna, and the Possible Importance of Road- runner Predation
Ear Flashing Behavior of Black-tailed Jackrabbits (Lepus californicus)
Effects of Smoke and Fire-related Cues on Penstemon barbatus Seeds Scott R. Abella 404
Hybridization Between Normally Parthenogenetic Aspidoscelis tesselata E and Gonochoristic A. sexlineata viridis (Squamata: Teiidae) at Ft. Sumner, De Baca Co., New Mexico
An Evaluation of MS-222 and Benzocaine as Anesthetics for Metamorphic and Paedomorphic Tiger Salamanders (Ambystoma tigrinum nebulosum)
Efficacy of Monthly and Semi-monthly Trapping of Small Mammal Populations Lowell L. Getz, Joyce E. Hofmann, Laura Simms and Betty McGuire 422
Errata
Moist Soil Plant Seed Production for Waterfowl at Chautauqua National Wildlife Refuge, Illi-
nois (Volume 154:2, October 2005)
Author Index, Volume 155
Subject Index, Volume 155
Contents, Volume 155